

Hydrau**vision**



HydrauTool SD 25/50 Spooling Device

Technical Specification

Spooling capacity	: up to 50 mton dynamic.
Spooling width maximum	: 1100 mm
Line angle @ 35 mton nominal	: 30 degrees maximum at load side
Line angle @ 60 mton max.	: 17 degrees maximum at load side
Angle range winch side nom.	: +/- 0,5 degrees
Angle range winch side work.	: +/- 0,5 up to 1,5 degrees, max. 2,5 degrees
Wire diameter	: 16 mm to 44 mm
Wire socket diameter max.	: 195 mm

Hydraulic fluid	: H(V)LP, ISO VG46
Max. working pressure	: 300 bar
Max. flow	: 80 liter/min
Operational ambient temp.	: -10 up to +40 °C
Operational fluid temperature	: -20 up to +60 °C

Overall length	: 2630 mm
Overall width	: 1400mm
Overall height	: 1280 mm
Total weight excl. fluid	: 2600 kg

Power supply nominal	: 230 V, 2P + ground, 50/60 Hz, 10 Amp.
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Fluid connections:	
- Pressure (P) (female)	: Q.C. coupling Snap-tite series 71, 3/4"
- Return (T)	: Q.C. coupling Snap-tite series 71, 3/4" (male)
- Load Sense (LS)	: Q.C. coupling Snap-tite series 71, 3/8" (male)
- Drain (D)	: Q.C. coupling Parker FEM, 3/8" (male)

Benefits

- Automatic proportional control for hydraulic spindle drive
- Remote control with manual joystick operation, including emergency stop
- Electric main control cabinet with main switch, selector switch, indicators, reset, alarm work angle exceeded and emergency stop.
- Open hydraulic circuit

Scope of Supply

Included:

- Power connector on unit: 230V 16 Amp CEE
- Remote control box with connector to main control cabinet
- Controller settings to customers specifications
- Lifting points (4) and integrated forklift-trays
- User manual

Excluded:

- Hydraulic hoses
- Electric power connection cable
- Transport and installation
- Functional commissioning

Above mentioned items can be included on request.

All performance data and specifications mentioned in this document are guidelines. Due to operational and environmental influences performance data may vary. All products are subject to continuous review. HydrauVision reserves the right to change specification without prior notice.

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The HydrauTool Spooling Device 25/50 is a spooler for guiding of wires, cables, hoses or other flexible lines on winch drums.

This spooler unit is specially designed for the HydrauRent HydrauWinch 25 and HydrauWinch 50.

But also suitable for all other kinds of winches with a maximum line pull up to 50 tons and a maximum drum width of 1100 mm.

The spooler unit can be operated manually or automatically and is including a remote control box.

In automatic mode the spooler will correct the fleet angle when it exceeds the nominal range. The working direction will be automatic reversed when reaching the end of the stroke.

In manual mode the remote control box is equipped with a joystick for manual proportional operation.

Main control cabinet or remote control box are equipped with indicator lights including an alarm light for exceeding maximum work angle.

The HydrauTool Spooling Device 25/50 is robust assembled in a box frame provided with both 4 lifting points and integrated forklift-trays to ensure easy handling.

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